

78688

Access DB

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: PATEL SUDHAKER Examiner #: 77018 Date: 10/25/02
 Art Unit: 1624 Phone Number: 301-847-789 Serial Number: 1008775
 Mail Box and Bldg/Room Location: CM1 4E12 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

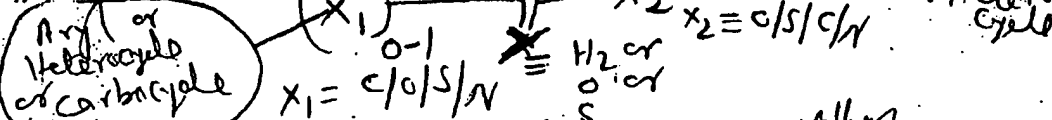
COMPOUNDS USEFUL FOR INHIBITING CHK1

Title of Invention:

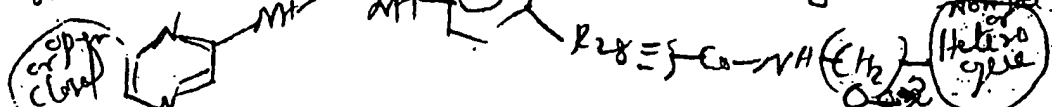
Inventors (please provide full names): KATHLEEN S. KEEGAN et al.

Earliest Priority Filing Date: 3/2/2001

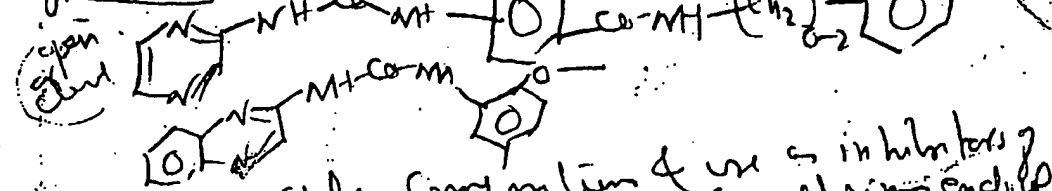
For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



Typical cycles



Typical cycles: see claim 28



Need info @ cycles, Conformation & use as inhibitors of CHECKPOINT KINASE 1 in a cell. Copy claims enclosed. Need 2 files hetero also total in CAPLAS for THX

STAFF USE ONLY

Searcher: <u>Point of Contact</u>	Type of Search: <u>NA Sequence (#)</u>	Vendor and cost where applicable: <u>\$505.20</u>
Searcher: <u>Alexandra Vackrow</u>	STN: <u>151001</u>	RECEIVED <u>01/25/2002</u>
Searcher Phone: <u>CM1 8402 Tel 308-4491</u>	AA Sequence (#): <u>3</u>	Dialog: <u>3.7%</u>
Searcher Location: <u>11-7</u>	Structure (#): <u>3</u>	Questel/Orbit: <u>035</u>
Date Searcher Picked Up: <u>11-7</u>	Bibliographic: <u>3</u>	Dr. Link: <u>3.7%</u>
Date Completed: <u>11-7</u>	Litigation: <u>3</u>	Lexis/Nexis: <u>3.7%</u>
Searcher Prep & Review Time: <u>25</u>	Fulltext: <u>3</u>	Sequence Systems: <u>3.7%</u>
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Online Time: <u>32</u>	Other: <u>3</u>	Other (specify): <u>3.7%</u>

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changes
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NEWS 8 MAR 03 FRANCEPAT now available on STN
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NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
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STRUCTURE FILE UPDATES: 12 MAY 2004 HIGHEST RN 681425-81-0
DICTIONARY FILE UPDATES: 12 MAY 2004 HIGHEST RN 681425-81-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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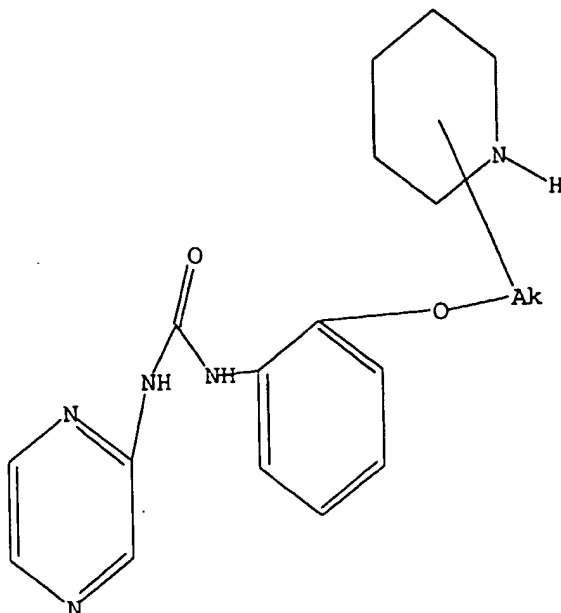
Uploading c:\program files\stnexp\queries\10087717.15

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full
 FULL SEARCH INITIATED 07:57:08 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 474 TO ITERATE

100.0% PROCESSED 474 ITERATIONS
 SEARCH TIME: 00.00.01

2 ANSWERS

L2 2 SEA SSS FUL L1

=> file caplus
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
155.42	155.63

FULL ESTIMATED COST

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FILE COVERS 1907 - 14 May 2004 VOL 140 ISS 21
FILE LAST UPDATED: 13 May 2004 (20040513/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l2

L3 1 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:695962 CAPLUS
DN 137:232680
TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use
as radiosensitizers and chemosensitizers for treating diseases and
conditions related to DNA damage or lesions in DNA replication
IN Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph; Cook, Adam
Wade; Cowen, Scott Douglas; Burgess, Laurence Edward
PA Icos Corporation, USA
SO PCT Int. Appl., 236 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070494	A1	20020912	WO 2002-US6452	20020301
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
				US 2001-273124PP	20010302
	US 2003069284	A1	20030410	US 2002-87715	20020301
				US 2001-273124PP	20010302
	EP 1379510	A1	20040114	EP 2002-728396	20020301
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
				US 2001-273124PP	20010302
				WO 2002-US6452 W	20020301
	NO 2003003858	A	20031010	NO 2003-3858	20030901
				US 2001-273124PP	20010302
				WO 2002-US6452 W	20020301

OS MARPAT 137:232680

IT **457098-89-4P**, 1-(5-Methylpyrazin-2-yl)-3-[5-methyl-2-(1,2,3,4-tetrahydroquinolin-3-ylmethoxy)phenyl]urea **457099-03-5P**, 1-[5-Methyl-2-(piperidin-3-ylmethoxy)phenyl]-3-(5-methylpyrazin-2-yl)urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use
as radiosensitizers and chemosensitizers for treating diseases and

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NEWS 6 MAR 03 MEDLINE and LMedline reloaded
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available
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FILE 'HOME' ENTERED AT 16:43:15 ON 27 APR 2004

=> file reg

Patel

<4/27/2004>

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SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 26 APR 2004 HIGHEST RN 676992-14-6
DICTIONARY FILE UPDATES: 26 APR 2004 HIGHEST RN 676992-14-6

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=>

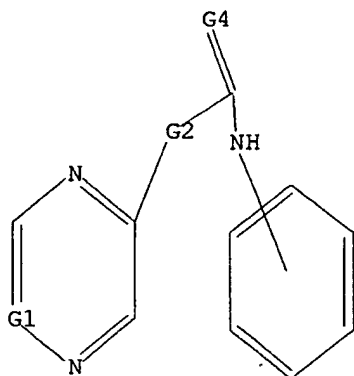
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N, CH

G2 O, S, CH2, NH

G3 O, S, NH

G4 O, S

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 16:43:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 28122 TO ITERATE

100.0% PROCESSED 28122 ITERATIONS 180 ANSWERS
SEARCH TIME: 00.00.01

L2 180 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
155.42	155.63

FULL ESTIMATED COST

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 17) (20040423/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6709645 23 MAR 2004
DE 10335606 11 MAR 2004
EP 1403278 31 MAR 2004
JP 2004099560 02 APR 2004
WO 2004024934 25 MAR 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

FULL SEARCH INITIATED 16:44:07 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 30310 TO ITERATE

9.0% PROCESSED	2725 ITERATIONS	(2 INCOMPLETE)	10 ANSWERS
15.1% PROCESSED	4580 ITERATIONS	(3 INCOMPLETE)	21 ANSWERS
25.4% PROCESSED	7706 ITERATIONS	(8 INCOMPLETE)	41 ANSWERS
34.4% PROCESSED	10415 ITERATIONS	(15 INCOMPLETE)	61 ANSWERS
43.8% PROCESSED	13270 ITERATIONS	(17 INCOMPLETE)	83 ANSWERS
54.3% PROCESSED	16447 ITERATIONS	(22 INCOMPLETE)	104 ANSWERS
63.5% PROCESSED	19233 ITERATIONS	(35 INCOMPLETE)	138 ANSWERS
73.1% PROCESSED	22144 ITERATIONS	(40 INCOMPLETE)	157 ANSWERS

79.3% PROCESSED	24029 ITERATIONS	(47 INCOMPLETE)	178 ANSWERS
85.7% PROCESSED	25963 ITERATIONS	(52 INCOMPLETE)	204 ANSWERS
92.7% PROCESSED	28106 ITERATIONS	(62 INCOMPLETE)	229 ANSWERS
96.6% PROCESSED	29293 ITERATIONS	(67 INCOMPLETE)	246 ANSWERS
97.8% PROCESSED	29646 ITERATIONS	(69 INCOMPLETE)	250 ANSWERS
98.8% PROCESSED	29939 ITERATIONS	(72 INCOMPLETE)	257 ANSWERS
99.4% PROCESSED	30114 ITERATIONS	(73 INCOMPLETE)	260 ANSWERS
99.7% PROCESSED	30208 ITERATIONS	(74 INCOMPLETE)	262 ANSWERS
99.8% PROCESSED	30263 ITERATIONS	(74 INCOMPLETE)	262 ANSWERS
100.0% PROCESSED	30310 ITERATIONS	(74 INCOMPLETE)	264 ANSWERS

SEARCH TIME: 00.05.08

L3 264 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

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TOTAL

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FULL ESTIMATED COST

112.78

268.41

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FILE COVERS 1907 - 27 Apr 2004 VOL 140 ISS 18

FILE LAST UPDATED: 26 Apr 2004 (20040426/ED)

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=> s 12

L4 36 L2

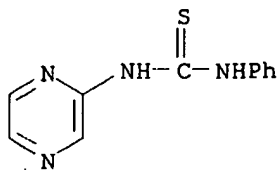
=> s 13

L5 264 L3

Patel

<4/27/2004>

CN Thiourea, N-phenyl-N'-pyrazinyl- (9CI) (CA INDEX NAME)



AB The title compds. are prepared by reacting aminopyridines, aminopyrimidines, etc., with phenylisothiocyanate (or derivs. thereof) under pressure (2 Kbar to 10 Kbar). Thus, reaction of 4-aminopyridine with phenylisothiocyanate in THF at 40° and 6 Kbar for 24 h gave the corresponding thiourea in 67% yield, vs. 28% yield in a reference process.

L4 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:695962 CAPLUS

DN 137:232680

TI Preparation of aryl and heteroaryl urea selective Chk1 inhibitors for use as radiosensitizers and chemosensitizers for treating diseases and conditions related to DNA damage or lesions in DNA replication

IN Keegan, Kathleen S.; Kesicki, Edward A.; Gaudino, John Joseph Cook, Adam Wade; Cowen, Scott Douglas; Burgess, Laurence Edward

PA Icos Corporation, USA

SO PCT Int. Appl., 236 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002070494	A1	20020912	WO 2002-US6452	20020301
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
				US 2001-273124PP	20010302
	US 2003069284	A1	20030410	US 2002-87715	20020301
				US 2001-273124PP	20010302
	EP 1379510	A1	20040114	EP 2002-728396	20020301
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
				US 2001-273124PP	20010302
				WO 2002-US6452 W	20020301
	NO 2003003858	A	20031010	NO 2003-3858	20030901
				US 2001-273124PP	20010302
				WO 2002-US6452 W	20020301
OS	MARPAT 137:232680				
IT	457096-68-3P, 1-(2-Methoxy-5-nitrophenyl)-3-(pyrazin-2-yl)urea				
	457096-69-4P, 1-(5-Amino-2-methoxyphenyl)-3-(pyrazin-2-yl)urea				

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 NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE
 NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL
 NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
 NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR
 NEWS 10 SEP 22 DIPPR file reloaded
 NEWS 11 DEC 08 INPADOC: Legal Status data reloaded
 NEWS 12 SEP 29 DISSABS now available on STN
 NEWS 13 OCT 10 PCTFULL: Two new display fields added
 NEWS 14 OCT 21 BIOSIS file reloaded and enhanced
 NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
 NEWS 16 NOV 24 MSDS-CCOHS file reloaded
 NEWS 17 DEC 08 CABA reloaded with left truncation
 NEWS 18 DEC 08 IMS file names changed
 NEWS 19 DEC 09 Experimental property data collected by CAS now available in REGISTRY
 NEWS 20 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS

NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003

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ENTRY
0.21TOTAL
SESSION
0.21

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DICTIONARY FILE UPDATES: 9 DEC 2003 HIGHEST RN 625365-36-8

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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=>

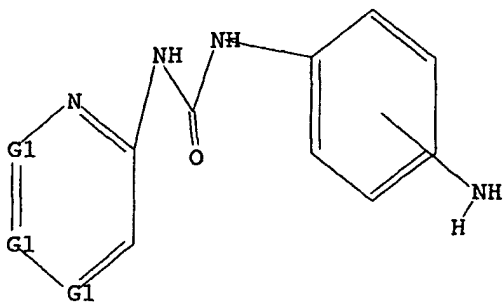
Uploading 10087715.2

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N, CH

G2 H, Cb, Cy, Hy, Ak

Structure attributes must be viewed using STN Express query preparation

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<12/10/2003>

10087715.2
CAS ONLINE

Jare

v. 12/10/03

=> file marpat

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SINCE FILE	TOTAL
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0.40	0.61

FULL ESTIMATED COST

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS23) (20031205ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6642272 04 NOV 2003
DE 10317295 30 OCT 2003
EP 1361251 12 NOV 2003
JP 2003321470 11 NOV 2003
WO 2003092890 13 NOV 2003

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l2 sss full

L2 NOT FOUND

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=> s l1 sss full

FULL SEARCH INITIATED 16:25:52 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 12706 TO ITERATE

87.1% PROCESSED	11069 ITERATIONS	50 ANSWERS
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100.0% PROCESSED	12706 ITERATIONS (1 INCOMPLETE)	64 ANSWERS
SEARCH TIME: 00.00.33		

L2 64 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
104.95	105.56

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 16:26:31 ON 10 DEC 2003
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FILE COVERS 1907 - 10 Dec 2003 VOL 139 ISS 24
FILE LAST UPDATED: 9 Dec 2003 (20031209/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 64 L2

=> s CHK1

L4 379 CHK1

=> s 13 and 14

L5 0 L3 AND L4

=> s 14 and pyrazine

L6 3 L4 AND PYRAZINE

=> s 14 and quinoxzline

L7 0 L4 AND QUINOXZLINE

=> s 14 and pyridazine

L8 1 L4 AND PYRIDAZINE

=> s 14 and pyrimidine

L9 4 L4 AND PYRIMIDINE

=> s 14 and triazine

L10 0 L4 AND TRIAZINE

=> d 13 fbib hitstr abs total

L3 ANSWER 1 OF 64 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:837035 CAPLUS

DN 139:337787

TI Preparation of novel methoxybenzamides for use in MCH receptor related disorders

IN Hoegberg, Thomas; Bjurling, Anna Emelie; Receveur, Jean-Marie; Little, Paul Brian; Elling, Christian E.; Norregaard, Pia Karina; Ulven, Trond

PA 7TM Pharma A/S, Den.

SO PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DT Patent

LA English

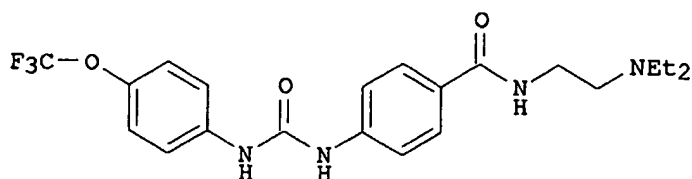
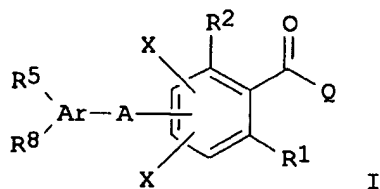
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003087045	A1	20031023	WO 2003-DK231	20030408
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,				

CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
 FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
 KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
 MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
 SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
 ZM, ZW, AM, AZ
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
 NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
 GW, ML, MR, NE, SN, TD, TG

DK 2002-519 A 20020409
 DK 2002-520 A 20020409
 DK 2002-524 A 20020409
 DK 2002-1818 A 20021125

OS MARPAT 139:337787
 GI



AB Title compds. I [wherein A = a linker, e.g. CHR7CONR7, CONR7, OCONR7, SO2NR7, CHR7NR7CO, NR7COR7, hexahydro-2-oxo-pyrimidine-1,3-diyl, 2-oxoimidazolidine-1,3-diyl, 1,2,4-oxadiazole-diyl, 1,3,4-oxadiazole-diyl, CH=CH, OCHR7, NR7CHR7, SCHR7, or (un)substituted imidazole-diyl or 1,2,4-triazole-diyl; Ar = independently (hetero)aryl; R1 = alkoxy; R2 = H, OH, NH2, or alkoxy; COQ = amino-substituted amide; R5 and R6 = independently H, halo, alkoxy, OH, (di)alkylamino, hydroxyalkyl, carboxamido, acyl(amido), CHO, nitrile, alkyl, alkenyl, alkynyl, SMe, (fluoro)alkyl, (fluoro)alkoxy, (fluoro)thioalkoxy, SO2NH2, (di)alkylaminosulfonyl, or alkylsulfonyl; R7 = independently H, alkyl, or alkenyl; R8 = halo, (alkyl)(cyclo)alkyl, alkenyl, alkynyl, (alkyl)(hetero)aryl, (alkyl)heterocyclyl, (aryl)alkoxy, aryloxy, dialkylamino, (di)alkylcarbonyl, (di)arylcarbonyl, alkanoyl(amino), aroyl(amino), SMe, (fluoro)alkyl, (fluoro)alkoxy, (fluoro)thioalkoxy, or R6ArB; B = a single bond or connecting moiety; X = H, halo, SMe, CF3, OCF3, SCF3, OMe, alkyl, or alkenyl; and physiol. acceptable salts, complexes, solvates, and prodrugs thereof] were prepd. as melanin-concg. hormone (MCH) receptor modulators. For example, coupling of procainamide with 4-trifluoromethoxyphenyl isocyanate in the presence of TEA in CH2Cl2

gave II (59%). In assays of [125I]-MCH binding and phosphatidylinositol turnover using transiently transfected COS-7 cells or stably transfected CHO cells expressing the human MCH-1 receptor, II exhibited activity with IC50 values of 0.07 .mu.M and 0.29 .mu.M, resp. Administration of II (10 mg/kg i.p.) to male Sprague Dawley rats resulted in a significant redn. of their cumulative food intake over 6 h. Thus, I and their pharmaceutical compns. are useful in the treatment or prevention of obesity, depression, diabetes, bulimia, and other MCH receptor related disorders (no data).

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 64 CAPLUS COPYRIGHT 2003 ACS on STN
AN 2003:777749 CAPLUS
DN 139:277029
TI Preparation and formulation of menthol substituted antithrombotic PAI-1 inhibitors
IN Bauer, Shawn; Mohan, Raju; Shaw, Kenneth J.; Wu, Qingyu; Ye, Bin; Buckman, Brad O.; Ghannam, Ameen; Griedel, Brian D.; Khim, Seock-Kyu; Zhao, Zuchun
PA Schering Aktiengesellschaft, Germany
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003080564	A1	20031002	WO 2003-US7506	20030312
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

US 2002-365932PP 20020320

OS MARPAT 139:277029
GI